No. 200300309

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

ProSeeds Marketing, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR ORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT D BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

FESCUE, CHEWINGS

'Ambrose'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this twelfth day of September, in the year two thousand and seven.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

REPRODUCE LOCALLY. *Include form number and date on all reproductions* — Form Approved - OMB No. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF OWNER
ProSeeds Marketing, Inc.
(BT: 6/27/2007)

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME
CHW3, ABTCHW3

3. VARIETY NAME
Ambrose

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*
811 Mountain River Dr
Lebanon, OR 97355

5. TELEPHONE *(include area code)*
(541) 451-1847

6. FAX *(include area code)*
(541) 451-1847

FOR OFFICIAL USE ONLY

PVPO NUMBER
200300309

FILING DATE
August 15, 2003

7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION *(corporation, partnership, association, etc.)*
Corporation

8. IF INCORPORATED, GIVE STATE OF INCORPORATION
OR

9. DATE OF INCORPORATION

10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. *(First person listed will receive all papers)*
V. G. Lehman
811 Mountain River Dr.
Lebanon, OR 97355

FEES RECEIVED

FILING AND EXAMINATION FEES:
$ 3652⁻
DATE 8/15/03

CERTIFICATION FEE:
$ 768.00
DATE 8/10/2007

11. TELEPHONE *(include area code)*
(541) 451-1847

12. FAX *(include area code)*
(541) 451-1847

13. E-MAIL
vlehman@aol.com

14. CROP KIND *(Common Name)*
Chewings fescue

16. FAMILY NAME *(Botanical)*
Graminae

15. GENUS AND SPECIES NAME OF CROP
Festuca rubra spp. commutata

17. IS THE VARIETY A FIRST GENERATION HYBRID?
☐ YES ☑ NO

18. DOES THE VARIETY CONTAIN ANY TRANSGENES? *(OPTIONAL)*
☐ YES ☑ NO
IF SO, PLEASE GIVE THE ASSIGNED USDA-APHIS REFERENCE NUMBER FOR THE APPROVED PETITION TO DEREGULATE THE GENETICALLY MODIFIED PLANT FOR COMMERICALIZATION. _____

19. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)
- a. ☑ Exhibit A. Origin and Breeding History of the Variety
- b. ☑ Exhibit B. Statement of Distinctness
- c. ☑ Exhibit C. Objective Description of Variety
- d. ☐ Exhibit D. Additional Description of the Variety *(Optional)*
- e. ☑ Exhibit E. Statement of the Basis of the Owner's Ownership
- f. ☑ Voucher Sample *(2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository)*
- g. ☑ Filing and Examination Fee ($3,652), made payable to "Treasurer of the United States" *(Mail to the Plant Variety Protection Office)*

20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? *(See Section 83(a) of the Plant Variety Protection Act)*
☐ YES *(If "yes", answer items 21 and 22 below)* ☑ NO *(If "no", go to item 23)*

21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES?
☑ YES ☐ NO
IF YES, WHICH CLASSES? ☑ FOUNDATION ☑ REGISTERED ☑ CERTIFIED

22. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
☑ YES ☐ NO
IF YES, SPECIFY THE NUMBER 1,2,3, etc. FOR EACH CLASS.
1 FOUNDATION 1 REGISTERED 2 CERTIFIED
(If additional explanation is necessary, please use the space indicated on the reverse.)

23. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES?
☑ YES ☐ NO
IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. *(Please use space indicated on reverse.)*

24. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT *(PLANT BREEDER'S RIGHT OR PATENT)*?
☐ YES ☑ NO
IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. *(Please use space indicated on reverse.)*

25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Owner(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF OWNER		SIGNATURE OF OWNER	
Virginia Lehman			
NAME *(Please print or type)*		NAME *(Please print or type)*	
Virginia Lehman			
CAPACITY OR TITLE	DATE	CAPACITY OR TITLE	DATE
Plant breeder	14 Aug 03		

(See reverse for instructions and information collection burden statement)

200300309

INSTRUCTIONS

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), **ALL** of the following items must be **received** in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds, for a hybrid variety at least 2,500 untreated seeds of each line necessary to **reproduce** the variety, or for tuber reproduced varieties verification that a viable *(in the sense that it will reproduce an entire plant)* tissue culture will be deposited and maintained in an approved public repository; (4) check drawn on a U.S. bank for $3,652 ($432 filing fee and $3,220 examination fee), payable to "Treasurer of the United States" *(See Section 97.6 of the Regulations and Rules of Practice.)* Partial applications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfiled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. **DO NOT** use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of $432 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office
Telephone: (301) 504-5518
FAX: (301) 504-5291
Homepage: http://www.ams.usda.gov/science/pvpo/pvp.htm

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and provide evidence that name has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: Seed Branch, AMS, USDA, 10301 Baltimore Avenue, Suite 401 NAL Building, Beltsville, MD 20705. Telephone: (301) 504-5682 http://www.ams.usda.gov/lsg/seed.htm.

ITEM

19a. Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
(2) the details of subsequent stages of selection and multiplication;
(3) evidence of uniformity and stability; and
(4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified

19b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:

(1) identify these varieties and state all differences objectively;
(2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
(3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.

19c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.

19d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, *etc.*

19e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.

20. If "Yes" is specified *(seed of this variety be sold by variety name only, as a class of certified seed)*, the applicant **MAY NOT** reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. *(See Regulations and Rules of Practice, Section 97.103).*

23. *See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.*

24. *See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.*

22. CONTINUED FROM FRONT *(Please provide a statement as to the limitation and sequence of generations that may be certified.)*

2 years foundation, 2 years registered, 7 years certified

23. CONTINUED FROM FRONT *(Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)*

18 Aug 2002; from Jefferson, OR, USA to Maxwell Turf
(per applicant's authorization - 6/27/2007 bt).

24. CONTINUED FROM FRONT *(Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)*

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. The fees for filing a change of address; owner's representative; ownership or assignment; or any modification of owner's name is specified in Section 97.175 of the regulations. *(See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)*

Exhibit A.

Origin and Breeding History of Ambrose Chewings Fescue

Ambrose Chewings fescue (*Festuca rubra* L. subsp. *commutata* Gaud.) is an advanced generation synthetic cultivar selected from the maternal progenies of 74 clones. Ambrose was developed for improved seed yield and turf performance, medium-dark green color and freedom from disease. Thirty-six percent of the plants in Ambrose contain the *Neotyphodium* endophyte. Fifty-nine percent of the endophyte containing plants came from an endophyte from 4 Delaware Drive in East Brunswick, NJ. Forty-one percent of the endophytes came from an endophyte selected from Longfellow Park in Cambridge, MA.

The seventy-five maternal progenies were derived from single turf plot progenies from the better performing plots from five different turf trials. They included 1 plot from the 1986 trial, 5 plots from the 1987 trial at Hort Farm II, 2 plots from the 1988 trial, 9 plots from the 1989 trial, and 6 plots from the 1991 trial at Adelphia Research Station, Freehold, NJ. An additional clone collected at Livingston College, New Brunswick and one clone was from a roadway of the Adelphia Research Farm were included in the crossing block.

In May 1994, 166 Chewings fescue clones were moved into an isolated crossing block at the Adelphia Research Station. These were allowed to inter-pollinate and 75 single plants were harvested and sent to Willamette Seed Company, Albany, OR for another cycle of selection. Seed quantities of each line varied from 9 - 25 grams. The other 91 plants served as pollen sources in this block called CH94. This was then latter called ABT CHW-3 after it went through a cycle of selection for seed yield in Lebanon, OR. It was latter named Ambrose Chewings fescue.

The germplasm used in the development of Ambrose Chewings fescue were developed using a germplasm and population improvement program initiated at the New Jersey Agricultural

Experiment Station in 1962. The most promising plants were selected from old lawn-type turfs on the grounds of Fort Mc Henry, Baltimore MD; Johnson Park in Piscataway, NJ; Bridgehampton Golf Course, Bridgehampton, NY; Longfellow Park, Cambridge, MA; Westview Cemetery, Atlanta, GA; old parks in Philadelphia, PA; Tennant Cemetery, Tennant, NJ; and a lawn located at 4 Delaware Drive, East Brunswick, NJ.

An intensive germplasm collection effort was initiated by Rutgers University in 1962 to select and utilize the best plants surviving in old turfs. Many weeks were spent examining old turfs for attractive, well-adapted plants of Chewings fescue and other useful turfgrasses. Promising plants selected from old turfs were subjected to clonal and progeny evaluation in closely mowed turf trials and spaced-plant nurseries. Of over a thousand Chewings fescue plants collected, only a few dozen were saved for further breeding work. These elite selections were crossed with other promising selections from the germplasm collection program or from current cycles of the breeding program. Progenies from these crosses were included in population improvement programs, which included screening in a greenhouse for improved disease resistance; in spaced-plant nurseries for increased seed yield and uniformity; and in closely mowed turf trials for improved turf performance and increased stress tolerance. The Cambridge endophyte and the Delaware endophyte were introduced into the germplasm base through population backcrossing. Extensive screening for improved disease resistance was conducted under greenhouse conditions as well as in spaced-plant nurseries and closely mowed turf trials at North Brunswick, and Adelphia, NJ.

Exhibit A: Statement of Uniformity and Stability (addendum):

Ambrose is a chewings fescue that is distinct, uniform and stable. Ambrose has been observed to have up to 5% variants; any variants would be slightly taller, a lighter green leaf blade, or a more coarse leaf blade. These plants appear to be uniform and stable. The variety has been observed to be uniform and stable for three generations, from breeder to foundation to certified seed production, over a period of six years.

Exhibit B.

Novelty statement for Ambrose (Chw3) Chewings Fescue

Ambrose is a chewings fescue that may be distinguished from all cultivars by a combination of spaced-plant and turf characteristics.

Ambrose most closely resembles the cultivar Jamestown. They differ in the following characteristics:

Ambrose has a shorter flag leaf length and a shorter panicle length than Jamestown (Table 1, 5). In addition, Ambrose has short palea hairs versus long palea hairs for Jamestown.

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY PROGRAM
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705

EXHIBIT C
(FINE LEAVED FESCUES)

OBJECTIVE DESCRIPTION OF VARIETY
FINE LEAVED FESCUES
(*Festuca* spp.)

NAME OF APPLICANT(S)	TEMPORARY DESIGNATION	VARIETY NAME
ProSeeds Marketing, Inc. (GT: 6/27/2007)	CHW3, ABTCHW3	Ambrose

ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code)

811 Mountain River Dr., Lebanon, OR 97355

FOR OFFICIAL USE ONLY
PVPO NUMBER
200700509

Place the appropriate number that describes the varietal characteristics of this variety in the boxes below. Use leading zeroes when necessary. Characteristics described, including numerical measurements, should represent those that are typical for the variety. Measured data should be for SPACED PLANTS. Royal Horticultural Society or any recognized color fan may be used to determine plant colors; designate system used: _____RHS Color Charts, if listed_____. Describe location of the test area, conditions and number of plants used: _____Test area: Lebanon, OR; space plants; 60 plants total measured, placed in 3 replications_____.

1. SPECIES: (With companion varieties for use below – use varieties within species of application variety)

[1]	1 = *F. rubra* ssp. *commutata* (Chewings)	11 = Cascade 14 = Banner	12 = Highlight 15 = Barfalla	13 = Jamestown
	2 = *F. rubra* ssp. *litoralis* (Creeping Red)	21 = Dawson 24 = Pennlawn	22 = Starlight	23 = Merlin
	3 = *F. rubra* ssp. *rubra* (Spreading Red)	31 = Boreal 34 = Ensylva	32 = Ruby	33 = Fortress
	4 = *F. ovina* (Sheep)	41 = Covar		
	5 = *F. longifolia* (Hard)	51 = Durar	52 = Biljart (C-26)	53 = Scaldis
	6 = *F. tenuifolia* (Fine-Leaved Sheep)	61 = Panda	62 = Barok	

7 = Other (*Specify*) F. _____

2. CYTOLOGY:

[4][2] Chromosome Number [3] Ploidy 1 = diploid 2 = tetraploid 3 = hexaploid 4 = octoploid

(GT: 6/27/'07)

3. ADAPTATION: (0 = Not Tested; 1 = Not Adapted; 2 = Adapted)

[x] Northeast [ ] Southeast [x] North Central [x] Pacific N.W.

[x] Other (Specify) : ___wherever chewings fesuce is adapted; also for winter overseeding use of warm-season grasses

4. MATURITY: Date First Headed (panicle emergence) Location(s) of Trial(s) __Lebanon, OR, 2002____

[3] Maturity Class:

1 = Very Early (Covar) 2 = Early (Highlight) 3 = Medium Early (Boreal, Dawson)

4 = Medium Late (Cascade, Ruby) 5 = Late (Jamestown, Agram) 6 = Very Late

Date Headed _____9 May 2003_____

[0 8] Days earlier than ..... [1 3]

Maturity same as ..... [3 1] } Comparison Variety

[0 6] Days later than ..... [2 1]

---

5. PLANT HEIGHT: (At maturity; to top of panicle; average of 10 tallest culms)

[5 3 6] mm Height

[1 1 5] mm shorter than ..... [1 4]

Height same as ..... [5 3] } Comparison Variety

[ ] mm Taller than ..... [ ]

---

6. GROWTH HABIT:

[2] 1 = Erect (Ruby) 2 = Semi-erect (Highlight) 3 = Prostrate (Silvana)

---

7. RHIZOMES:

[ ] mm Length [ ] mm Width [ ] mm Internode length

[1] 1 = Absent 2 = Weakly Creeping (Dawson)

3 = Strongly Creeping (Boreal) 4 = Very Strongly Creeping (Boreal)

---

8. LEAF BLADE:

[4] Color:

1 = Light Green (Starlight) 2 = Medium Light Green (Highlight) 3 = Medium Dark Green (Ruby, Agram)

4 = Dark Green (Jamestown, Manoir) 5 = Bluegreen (Saphir) 6 = Graygreen (Scaldis)

7 = Other (Specify): _____

[1] Glaucosity (Sowing Year): 1 = Absent 2 = Present (Vendome)

[1] Anthocycnin; 1 = Absent 2 = Present Hairs (Basal): 1 = Absent 2 = Present

[3] Margins: 1 = Smooth 2 = Semi-rough 3 = Rough

[2] Margin folding (closure): 1 = Rolled inward (closed-Highlight) 2= not rolled inward

[2] Width class: 1 = Very fine (Agram, Frida) 2 = Fine (Jamestown, Highlight, Banner, Dawson)

3 = Medium Fine (Fortress, Ruby, Scaldis) 4 = Medium Coarse (Engina)

8. LEAF BLADE (*Continued*):

[0][4][9] mm Length (flag leaf)

[3][6] mm Shorter than ..... [1][4]

Blade length same as ..... [2][1] } Comparison Variety

[ ][ ] mm Longer than ..... [ ][ ]

[2][4][ ] mm Width (flag leaf)

[ ][ ][ ] mm Narrower than ..... [ ][ ]

Blade width same as ..... [1][3] } Comparison Variety

[ ][ ][ ] mm Wider than ..... [ ][ ]

---

9. LEAF SHEATH:

[2] Anthocyanin (seedling): 1 = Absent (Highlight) 2 = Present (Jamestown, Fortress, Marga)

[1] Auricle Hairiness: 1 = Absent 2 = Present

[2] Margins: 1 = Open (Highlight) 2 = Closed (Jamestown)

---

10. PANICLE:

[2] Shape: 1 = Narrow-tapering 2 = Ovate

3 = Oblong 4 = Other (Specify): _____

[2] Type: 1 = Open 2 = Intermediate 3 = Compact **87% open, 13% inter.**

[3] Orientation: 1 = Erect 2 = Nodding **3: 58% erect; 19% nodding; 22% semi-erect**

[2] Branch Pubescence: 1 = Glabrous 2 = Pubescent

[1] Anther Color: } 1 = Yellowish Green 2 = Green 3 = Bluish Green 4 = Purplish

5 = Reddish 6 = Other (Specify): _____

[4] Glume Color at 50% flowering): }

[9][3][0] mm Length

[2][4] mm Shorter than ..... [1][3]

Panicle length same as ..... [ ][ ] } Comparison Variety

[ ][ ] mm longer than ..... [ ][ ]

---

11. PALEA:

[2] Hairs (On keels or margins): 1 = Absent (Banner) 2 = Short (Agram, Scaldis, Olds)

3 = Long (Rainier, Fortress, Jamestown)

12. LEMMA:

[4] Hairs: 1 = Absent (Jamestown) 2 = Several 3 = Many (Highlight); **4: some=none, some=many**

[6.7] mm Lemma Length (BT: 6/27/07)

[ ] mm Shorter than .....
Lemma length same as ..... } Comparison Variety
[ ] mm Longer than .....

[0.9] mm Lemma Width (BT: 6/27/07)

[ ] mm Narrower than .....
Lemma width same as ..... } Comparison Variety
[ ] mm Wider than .....

[2] Awns: 1 = Absent 2 = Present

[2] mm Awn Length

[ ] mm Shorter than .....
Awn length same as ..... } Comparison Variety
[ ] mm Longer than .....

---

13. SEED (With lemma and palea):

[ ] Size Class (g/1000 seed):

1 = [< 0-.9g] (Biljart, Dawson) 2 = [0.9-<1.1g] (Jamestown, Highlight)

3 = [1.1 – 1.3g] (Fortress, Novorubra) 4 = [>1.3g] (Boreal, Golfrood)

(BT: 6/27/2007)

[1043.4] mg per 1000 seed

[ ] mg per 1000 seed less than .....
Seed Weight same as ..... } Comparison Variety
[ ] mg per 1000 seed more than .....

---

14. DISEASE, INSECT, AND NEMATODE REACTION R=has some resistance; S= has some susceptibility

[R] Melting-out *Drechslera poae* (*Helminthosporium vagans*)
[ ] Leaf Spot *D. siccans*
[ ] Net Blotch *D. dictyoides*
[ ] Leaf Spot *Bipolaris sorokiniana*
[ ] Brown Patch *Rhizoctonia solani*
[ ] Powdery Mildew *Erysiphe graminis*
[ ] Stripe Smut *Ustilago striiformis*
[ ] Stripe Rust *P. striiformis*
[ ] Leaf Rust *P. poae-nemoralis*
[ ] *P. crandallii*
[ ] Pythium Blight *Pythum ultimum*
[ ] Red Thread *Corticium fusciforme*
[ ] Dollar Spot *Sclerotinia homoeocarpa*
[ ] Insect _____

14. DISEASE, INSECT, AND NEMATODE REACTION (*Continued*):

- ☐ F. Patch, Pink snow-mold *Fusarium nivale*
- ☐ Fusarium Blight *F. trincinctum, F. roseum*
- ☐ Gray Snow Mold *Typhula iotana*
- ☒ Stem Rrust *Puccinia graminis*
- ☐ Nematode _____
- ☐ Other _____
- ☐ Other _____
- ☐ Other _____

15. GIVE THE VARIETY OR VARIETIES THAT MOST CLOSELY RESEMBLE THE APPLICATION VARIETY. For the following characteristics indicate Degree of Resemblence by placing in the column marked D.R., one of the following numbers.

1 = Application variety is less than the comparison variety. 2 = Application variety is the same as the comparison variety.

3 = More than, better, greater, darker, more disease resistant, etc.

CHARACTER	VARIETY	D.R.	CHARACTER	VARIETY	D.R.
Rhizome Length			Growth Habit		
Leaf Width			Leaf Color	Shadow II	3
Panicle Color			Panicle Shape		
Winter Color			Cold Injury		
Shade Tolerance			Heat		
Drought			Disease*: Leaf Spot	Jamestown II	3
			Brown Patch	Banner III	3

* Specify each disease evaluated.

16. ADDITIONAL DESCRIPTION:

See attached tables

Table 1.	Morphological measurements taken at Lebanon, OR, 2002 on spaced plants.					
Variety	Date heading	Date flowering	Plant height	Flag Leaf length	Flag Leaf width	Panicle length
		-cm-	-cm-	-cm-	-mm-	-cm-
Ambrose	5/9/2002	6/2/2002	53.6	4.9	2.4	9.3
ABTHF1	04/30/02	05/30/02	57.3	5.0	1.5	9.8
MX 86	04/18/02	05/23/02	49.2	5.0	1.9	9.5
Koket	05/01/02	05/30/02	66.1	6.9	2.4	12.9
Reliant	05/02/02	05/31/02	63.4	5.8	1.7	10.9
Aurora	05/03/02	05/30/02	56.9	5.8	1.7	9.4
Dawson	05/03/02	05/30/02	61.9	6.4	2.6	11.2
Shadow	05/04/02	06/02/02	65.0	8.0	2.5	12.5
Shademaster	05/05/02	06/03/02	64.1	8.0	2.8	12.8
Scaldis	05/05/02	06/01/02	58.4	5.9	2.0	10.6
Flyer	05/05/02	06/02/02	62.4	7.2	3.0	12.4
SR3000	05/06/02	05/31/02	58.4	5.8	1.9	9.5
Banner	05/07/02	06/02/02	65.0	8.5	2.6	12.2
Ensylva	05/07/02	06/03/02	59.1	7.1	3.1	12.6
Boreal	05/09/02	06/04/02	65.1	9.2	3.4	14.0
Biljart	05/10/02	06/02/02	48.7	4.3	1.5	7.9
Jamestown	05/17/02	06/06/02	55.9	8.2	2.5	11.7
Barcrown	05/19/02	06/06/02	56.9	4.6	2.2	8.3
LSD (p= 0.05)	4.08	2.7	5.15	1.69	1.17	0.25

Table 2. Quality performance (high input) of chewings fescues grown at 6 locations;.
Data source from NTEP, 1999, 2001, where quality is rated on a scale of 1-9, 9=best.

	Quality	Quality
Variety	**1999**	**2001**
CHW3	6.30	6.00
Longfellow II	6.20	6.00
Ambassador	6.20	6.20
Shadow II	6.10	6.30
Intrigue	6.10	5.90
Brittany	6.00	5.50
Culombra	6.00	5.60
Treazure	6.00	6.00
Bridgeport	5.90	5.70
SR5100	5.90	5.80
Tiffany	5.90	6.00
Sandpiper	5.80	5.50
Jamestown II	5.80	5.80
Banner III	5.80	5.70
LSD (p=0.05)	0.30	0.30

Table 3. Quality performance (low input) of chewings fescues grown at 9 locations;.
Data source from NTEP, 1999, 2001, where quality is rated on a scale of 1-9, 9=best.

	Quality	Quality
Variety	**1999**	**2001**
CHW3	5.70	5.70
Longfellow II	6.00	5.90
Ambassador	5.70	5.70
Shadow II	5.40	5.40
Intrigue	5.70	5.40
Brittany	5.70	5.40
Culombra	5.90	5.30
Treazure	5.70	5.50
Bridgeport	5.60	5.40
SR5100	5.60	5.50
Tiffany	5.70	5.30
Sandpiper	5.50	5.30
Jamestown II	5.40	5.10
Banner III	5.50	5.20
LSD (p=0.05)	0.30	0.30

Table 4. Percent living ground cover (summer) of chewings fescues;.

Data source from NTEP, 1999, 2001.

	% Summer Cover	% Summer Cover
Variety	**1999**	**2001**
CHW3	70.20	73.50
Longfellow II	76.20	83.40
Ambassador	68.00	81.10
Shadow II	66.50	73.50
Intrigue	69.80	71.10
Brittany	68.80	68.90
Culombra	66.80	67.10
Treazure	68.60	77.10
Bridgeport	70.60	71.50
SR5100	66.20	72.50
Tiffany	68.50	61.70
Sandpiper	66.50	62.90
Jamestown II	66.80	64.10
Banner III	66.10	64.50
LSD (p=0.05)	5.20	9.50

Table 5. Morphological measurements taken at Lebanon, OR 2003.

	Flag leaf length .-cm-.	Flag leaf width .-mm-.	Panicle Length .-cm-.	Flag leaf height .-cm-.
Ambrose	11.04	1.97	11.88	26.88
ABTHF1	5.24	1.24	9.19	18.83
ABTHF2	7.16	1.20	11.39	21.72
Aurora	3.81	1.28	9.93	
Banner	10.78	2.10	14.59	
Barcrown	9.19	1.69	8.93	
Boreal	16.44	2.59	16.81	
Dawson	10.68	1.50	12.24	
Flyer	13.14	2.58	16.21	
Jamestown	12.70	2.53	15.53	29.99
Koket	12.15	1.90	14.86	
Reliant	8.64	1.27	10.94	
Shadow	11.04	2.43	15.13	
Shademaster	12.51	2.54	15.19	
SR3000	7.99	1.29	10.89	
LSD (p=0.05)	2.54	0.25	1.45	6.76

Table 6. Date of heading and flowering, Lebanon, OR 2003.

	Variety	Date Heading	Date Flowering
	Ambrose	04/25/03	05/29/03
	MX 86	03/28/03	05/12/03
	Koket	04/04/03	05/21/03
	SR3000	04/07/03	05/24/03
	Flyer	04/10/03	05/25/03
	Scaldis	04/11/03	05/25/03
	Shdmaster	04/11/03	05/24/03
	ABTHF2	04/13/03	05/25/03
	ABTHF1	04/15/03	05/26/03
	Shadow	04/15/03	05/26/03
	1998D3	04/16/03	05/26/03
	Reliant	04/16/03	05/26/03
	Boreal	04/16/03	05/26/03
	Aurora	04/17/03	05/26/03
	Dawson	04/19/03	05/27/03
	Biljart	04/21/03	05/27/03
	Banner	04/23/03	05/28/03
(BT 6/27/2007)	Jamestown	04/24/03	05/29/03
	Ensylva	04/25/03	05/30/03
	Barcrown	05/01/03	06/01/03
	LSD (p=0.05)	5.3	2.3

REPRODUCE LOCALLY. Include form number and edition date on all reproductions. 200300309 FORM APPROVED - OMB No. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

Application is required in order to determine if a plant variety protection certificate is to be issued *(7 U.S.C. 2421)*. The information is held confidential until the certificate is issued *(7 U.S.C. 2426)*.

1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
ProSeeds Marketing, Inc. (BT: 6/27/2007)	ABTCHW3, CHW3	Ambrose
4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP, and Country)*	**5. TELEPHONE** *(Include area code)*	**6. FAX** *(Include area code)*
811 Mountain River Dr. Lebanon, OR 97355	(541) 451-1847	(541) 451-1847
	7. PVPO NUMBER 200300309	

8. Does the applicant own all rights to the variety? Mark an "X" in the appropriate block. **If no, please explain.** ☑ **YES** ☐ **NO**

9. Is the applicant (individual or company) a U.S. national or a U.S. based company? **If no, give name of country.** ☑ **YES** ☐ **NO**

10. Is the applicant the original owner? ☐ **YES** ☑ **NO** **If no, please answer one of the following:**

a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. National(s)?
☑ **YES** ☐ **NO** **If no, give name of country**

b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?
☑ **YES** ☐ **NO** **If no, give name of country**

11. Additional explanation on ownership *(Trace ownership from original breeder to current owner. Use the reverse for extra space if needed)*:

The original owners have transferred ownership to ProSeeds Marketing (see notarized document). Inc. (BT:6/27/2007)

PLEASE NOTE:

Plant variety protection can only be afforded to the owners (not licensees) who meet the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.

200300309

ASSIGNMENT OF AMBROSE (CH94) CHEWINGS FESCUE

WHEREAS, Virginia Lehman, Blue Moon Farm, 811 Mountain River Drive, Lebanon, OR 97355;William A. Meyer, 137 Bucks Mill Road, Colts Neck, NJ 07722; and C. Reed Funk, 4 Delaware Drive, East Brunswick, NJ 08816 have cooperated in the breeding and development of Ambrose (CH94) Chewings fescue.

NOW, THEREFORE, IN CONSIDERATION OF ONE DOLLAR ($1.00) and other valuable considerations made to each of us, and ONE DOLLAR ($1.00) and other valuable consideration made to the New Jersey Agricultural Experiment Station, including those made in the Agreement dated August 3, 1995 between the New Jersey Agricultural Experiment Station and Willamette Seed Company, we hereby assign unto the said Pro Seeds Marketing, Inc., 13963 Westside Lane S., Jefferson, OR 97352 our entire interest in Ambrose (CH94) Chewings fescue for the United States and all foreign countries and any plant variety protection to be issued therefore in the United States or any foreign country. The commissioner, Plant Variety Protection Office is requested to issue the plant variety protection certificate in accordance herewith.

Virginia Lehman

Sworn and subscribed to
before me this 8 day
of August, 2003.

OFFICIAL SEAL
TERRY WHEELER
NOTARY PUBLIC - OREGON
COMMISSION NO. 360729
MY COMMISSION EXPIRES AUGUST 27, 2006

Notary Public of Oregon

William A. Meyer

Sworn and subscribed to
before me this 7th day
of August, 2003.

Notary Public of New Jersey

FRANCINE C. LAANUI
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 11/29/2004

C. Reed Funk

Sworn and subscribed to
before me this 7th day
of August, 2003.

Notary Public of New Jersey

FRANCINE C. LAANUI
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 11/29/2004